

APPENDIX B

UDS DOCUMENT OUTLINE

ADMINISTRATIVE

- 1000 - Administrative
 - 1010 - Approval Authority
 - 1020 - Distribution List
 - 1030 - Revision Control and Classification
 - 1031 - Index
 - 1040 - Security Information
 - 1041 - Facility Clearance Information
 - 1050 - Abbreviations/Acronyms
 - 1051 - Test Code Definition
 - 1052 - Special Code Definition
 - 1060 - Key Technical Personnel
 - 1070 - Technical References

PROGRAM INFORMATION

- 1100 - Program Description
 - 1110 - Experiments Description
 - R 1120 - System Functional Description
 - R 1130 - Test Description
 - 1140 - Test Schedule

TEST VEHICLE SYSTEM INFORMATION

- 1300 - Test Vehicle System Information
 - R 1310 - Test Vehicle System Description
 - R 1311 - Test Vehicle System Characteristics
 - R 1320 - Test Vehicle System Ordnance Items Description
 - R 1330 - Test Vehicle System Flame Plasma Information
 - R 1340 - Test Vehicle System Reentry Plasma Information

TEST VEHICLE INSTRUMENTATION SYSTEMS

- 1400 - Test Vehicle Instrumentation Systems
 - 1405 - Test Vehicle Instrumentation Frequency Summary

TEST VEHICLE METRIC SYSTEMS

- R 1410 - Test Vehicle Metric Systems Description
- R 1411 - Test Vehicle Metric Transponder Characteristics
- R 1412 - Test Vehicle Metric Antenna Systems
- R 1415 - Test Vehicle GPS System Description
- R 1416 - Test Vehicle GPS Antenna Systems

TEST VEHICLE TELEMETRY SYSTEMS

- R 1420 - Test Vehicle Telemetry System Description
- R 1421 - Test Vehicle Telemetry Transmitter Characteristics
- R 1422 - Test Vehicle Telemetry Antenna Systems
- R 1424 - Test Vehicle Telemetry Analog Description
- R 1425 - Test Vehicle Telemetry Digital Format
- R 1426 - Test Vehicle Telemetry Data Recorder Characteristics

TEST VEHICLE COMMAND SYSTEMS

- R 1430 - Test Vehicle Command System Description
- R 1431 - Test Vehicle Command System Characteristics
- R 1432 - Test Vehicle Command System Antenna Systems

TEST VEHICLE VOICE COMMUNICATIONS

- R 1440 - Test Vehicle Voice Communications Operating Description
- R 1441 - Test Vehicle Voice Communications Characteristics
- R 1442 - Test Vehicle Voice Communications Antenna Systems

TEST VEHICLE TELEVISION SYSTEMS

- R 1460 - Test Vehicle Television Operating Description
- R 1461 - Test Vehicle Television Characteristics
- R 1462 - Test Vehicle Television Antenna Systems
- R 1463 - Test Vehicle Television Format Description

TEST VEHICLE RECOVERY AIDS

- R 1470 - Test Vehicle Recovery Aids Description

OTHER SYSTEMS

- R 1480 - Other Test Vehicle Systems

CUSTOMER PROVIDED SUPPORT EQUIPMENT

1500 - Customer Provided Support Equipment

SYSTEM READINESS TESTS

1600 - System Readiness Tests

R 1610 - Readiness Tests Identification

R 1620 - Readiness Tests Sequence

CUSTOMER TEST COUNTDOWN

R 1630 - Customer Test Countdown

TRAJECTORY INFORMATION

1700 - Trajectory Information

R 1710 - Major Mission Events

R 1720 - Space Maneuver

R 1730 - Trajectory Plan Views

R 1731 - Trajectory Profile Views

R 1732 - Launch Trajectory

R 1733 - Orbital and Space Trajectory

R 1734 - Terminal Trajectory

OPERATIONAL SAFETY HAZARDS

1800 - Operational Safety Hazards Issues

R 1810 - Operational Safety Hazards Reports

TEST REQUIREMENTS/SUPPORT PLANS

2000 - Test Requirements/Support Plans

S 2010 - Support Plan Summary

S 2020 - Support Requirements Which Cannot be Met

S 2030 - Engineering Plan

S 2040 - Funding Information

S 2050 - Implementation Schedule

S 2060 - Customer Responsibilities

S 2070 - Flight Safety Operational Concepts

S 2080 - Range Derived Requirements

METRIC MEASUREMENT AND DATA

2100 - Metric Data

- 2110 - Metric Data - Launch
- 2111 - Metric Data - Midcourse
- 2112 - Metric Data - Orbital and Space
- 2113 - Metric Data - Terminal
- 2120 - Metric Data - Other
- 2130 - Metric Data Network Coverage
- 2140 - Metric Data Coverage
- 2150 - GPS Data

TELEMETRY MEASUREMENT AND DATA

2200 - Telemetry Data

- 2210 - Telemetry Recording Interval
- 2220 - Telemetry Strip Chart Recording Format
- 2221 - Telemetry Event Recording Format
- 2230 - Telemetry Decommutation Processing Specifications
- 2240 - Telemetry Coverage

COMMAND SYSTEMS

2300 - Command Systems

- 2310 - Command Control
- 2320 - Command Destruct
- 2330 - Command Uplink
- 2331 - Command Uplink Recordings
- 2332 - Command Uplink Stations Coverage

TIMING

2400 - Timing

- 2410 - Timing Signal Detail
- 2411 - Pulse Rates
- 2412 - Timing Sequencer Requirements
- 2413 - Visual Countdown
- 2414 - Status Indicators
- 2415 - Timing Synchronization

OTHER SYSTEMS

2600 - Other Systems

- 2610 - Other Systems - Directed Energy
- 2620 - Other Systems - Support Instrumentation

2630 - Other Systems - Environmental
2640 - Other Systems - Data
2650 - Other Systems - Coverage

COMMUNICATIONS

2700 - Communications
2710 - Air/Ground Voice Communications
2711 - Air/Ground Voice Coverage
2712 - Air/Ground Voice Recordings
2720 - Communications Detail
2730 - Voice Network Transmission
2731 - Secure Voice Network Transmission
2732 - Teletype Network Transmission
2733 - Secure Data Network Transmission
2734 - Video/Data Network Transmission
2735 - Facsimile Network Transmission
2740 - Intercommunications Systems
2750 - Voice Terminations
2751 - Secure Voice Terminations
2752 - Point-to-Point Terminations
2753 - Teletype Terminations
2754 - Secure Data Terminations
2755 - Video/Data Terminations
2756 - Voice Radio Terminations
2757 - Miscellaneous Terminations
2760 - Communications Recordings
2770 - Telephone
2780 - Other Communications

VIDEO

2800 - Video
2810 - On-Board Video
2811 - On-Board Video Downlink
2812 - On-Board Video Displays
2813 - On-Board Video Recordings
2820 - Launch Pad Video
2821 - Tracking Video Television
2822 - Video Displays
2823 - Video Recordings
2824 - Other Video

SIGNATURE DATA

2900 - Signature Data

REAL TIME DATA DISPLAY/CONTROL

3000 - Real time Data Display/Control

3010 - Real time Flight Control/Support Centers

3011 - Real time Flight Control Data Acquisition

3020 - Real time Displays

3021 - Real time Console Command Panels

3022 - Real time Console Analog Recorders

3023 - Real time Console Drawings

S 3024 - Real time Console Module Description

S 3025 - Real time - Summary of Console Locations

S 3026 - Real time - Summary of Console Module Locations

S 3030 - Real time - Other Group Displays and Control

3040 - Real time Data Formats

3050 - Real time Tracking Data Format Control

3051 - Real time Telemetry Data Format Control

3052 - Real time Telemetry Data Formats

3053 - Real time Command Data Format Control

3060 - Real time Remote Site Data Processing

3070 - Real time Data Testing

3071 - Real time Data Interfaces

3072 - Real time Data Interface Criteria

3073 - Real time Data Distribution

PHOTOGRAPHY

3100 - Photography

3110 - Documentary Photography

3120 - Engineering Sequential Photography

METEOROLOGY

3200 - Meteorology

3210 - Meteorological Constraints

3220 - Meteorological Forecasts

3230 - Meteorological Observations

3240 - Meteorological Instrumentation Location Diagram

3250 - Space Environment Meteorology

RECOVERY

- 3300 - Recovery
 - 3310 - Recovery - Ships and Aircraft Coverage
 - 3320 - Recovery - Items To Be Recovered
 - 3330 - Recovery - Salvage and Disposition
 - 3340 - Recovery - Planned Areas
 - 3350 - Recovery - Contingency Areas
 - 3360 - Recovery - Abort Areas

OTHER TECHNICAL SUPPORT

- 3400 - Other Technical Support
 - 3410 - Other Technical Support - Aircraft
 - 3411 - Other Technical Support - Seacraft
 - 3412 - Other Technical Support - Targets
 - 3420 - Summary of Frequency Protection
 - 3421 - Protection from Emitting Systems
 - 3430 - Geodetic and Gravitational Data
 - 3440 - Other Technical Support - Training

MODELING AND SIMULATION

- 3500 - Modeling and Simulation
 - 3510 - Modeling and Simulation Plan
 - 3520 - Modeling and Simulation Architecture

DATA PROCESSING

- 4100 - Data Processing Specifications
 - 4110 - Data Processing Specifications - Detail
 - 4120 - Data Processing - Other
 - 4130 - Data Coordinate Systems Description

DATA DISPOSITION

- 4200 - Data Disposition
 - S 4210 - Data Disposition - Data Availability
 - 4220 - Data Disposition - Reports
 - 4230 - Data Disposition - Detail - Metric
 - 4231 - Data Disposition - Detail - Telemetry
 - 4232 - Data Disposition - Detail - Voice/TV Recording
 - 4233 - Data Disposition - Detail - Photographic

- 4234 - Data Disposition - Detail - Meteorological
- 4235 - Data Disposition - Detail - Computer Processing
- 4236 - Data Disposition - Detail - Miscellaneous
- 4240 - Data Disposition - Environmental

BASE FACILITIES/LOGISTICS

5000 - Base Facilities/Logistics

PERSONNEL ASSIGNMENT SCHEDULES

5100 - Personnel Assignment Schedules

TRANSPORTATION

5200 - Transportation

- 5210 - Ground Transportation
- 5220 - Air Transportation
- 5230 - Sea Transportation

SERVICES

5300 - Services

- 5310 - Services - Administrative, Personnel, and Office
- 5311 - Services - Fire and Rescue
- 5312 - Services - Medical
- 5313 - Services - Public Affairs
- 5314 - Services - Security and Safety
- 5315 - Services - Community, Education, and Food Service
- 5320 - Services - Utilities (Electrical, Water, and Sanitation)
- 5321 - Services - Handling, Storage, and Disposal
- 5322 - Services - Air Conditioning and Environmental Observations
- 5330 - Services - Procurement, Shipping, Receiving, and Stock Control
- 5331 - Services - Local Purchase of Base Funded Items
- 5340 - Services - Propellants, Gases, and Chemicals
- 5341 - Services - Fuels, Lubricants, and Hydraulic Fluids
- 5342 - Services - Chemical Cleaning
- 5350 - Services - Vehicles
- 5351 - Services - Ground Handling Equipment
- 5360 - Services - Aircraft
- 5361 - Services - Seacraft
- 5370 - Services - Air Operations
- 5371 - Services - Marine Operations
- 5380 - Services - Physical and Life Science Experiments

LABORATORY

5400 - Laboratory

5410 - Laboratory - Chemical and Physical Analysis

5420 - Laboratory - Special Environment

5430 - Laboratory - Calibration

5440 - Laboratory - Technical Shops and Labs

MAINTENANCE

5500 - Maintenance

5510 - Maintenance - Buildings and Grounds

5520 - Maintenance - Vehicles

5530 - Maintenance - Shop

FACILITIES

5600 - Facilities

5610 - Facilities - Drawings

5620 - Facilities - Launcher and Platform Characteristics

OTHER SUPPORT

6000 - Other Support

6010 - Other Support Requirements for Support Agencies